

AMENDMENTS TO THE SPECIFICATION

Please delete the present Abstract of the Disclosure.

Please add the following new Abstract of the Disclosure:

Certain variables d , D_p , L_1 , r , and α of a four-point contact bearing are controlled according to predetermined relations which suppress an increase in friction torque, suppress heat generation, and suppress wear of the bearing, and realize a low-noise and low-vibration operation at high-speed rotation. The variables are as follows: d designate the diameter d of the ball (17) in a four-point contact ball bearing (11); D_p denote the diameter of a pitch circle of plural balls (17) disposed between both raceway surfaces (13a, 15a); L_1 designate an inter-ball distance between the adjacent balls (17) on the pitch circle having the diameter D_p ; r denote a curvature radius of each of grooves serving as raceway surfaces (13a, 15a), which circumscribe the ball (17) on the outer and inner races (13, 15), respectively; and α designates a contact angle between the ball (17) and each of the raceway surfaces (132a, 15a).